

|  |   |  |                  |                                    |                  |
|--|---|--|------------------|------------------------------------|------------------|
| FORM PTO-1390<br>(REV. 3-90)   |   | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE |                  | ATTORNEYS DOCKET NO.<br><br>15-535 |                  |
| <b>TRANSMITTAL LETTER TO THE UNITED STATES<br/>DESIGNATED/ELECTED OFFICE (DO/EO/US)</b>  |   |  |                  |                                    |                  |
| INTERNATIONAL APPLICATION NO.<br>PCT/US00/06848  |   | INTERNATIONAL FILING DATE<br>15 March 2000 (15.03.00)      |                  | PRIORITY DATE CLAIMED              |                  |
| TITLE OF INVENTION<br><br>FLUID TREATMENT SYSTEM   |   |  |                  |                                    |                  |
| APPLICANT(S) FOR DO/EO/US<br><br>Peter Halemba et al.  |   |  |                  |                                    |                  |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items under 35 U.S.C. 371:<br>1. ■ This express request to immediately begin national examination procedures (35 U.S.C. 371(f)).<br>2. ■ The U.S. National Fee (35 U.S.C. 371(c)(1)) and other fees as follows:   |   |  |                  |                                    |                  |
| CLAIMS   | (1) FOR   | (2) NUMBER FILED   | (3) NUMBER EXTRA | (4) RATE                           | (5) CALCULATIONS |
|  | TOTAL CLAIMS  | 13 - 20 =  | 0                | x \$18.00                          | = \$0            |
|  | INDEPENDENT CLAIMS  | 4 - 3 =  | 1                | x \$84.00                          | = \$84.00        |
|  | MULTIPLE DEPENDENT CLAIMS(S) (if applicable)  |  |                  | + \$270.00                         |                  |
|  | BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(4)):<br>■ International preliminary examination fee paid to USPTO (37 CFR 1.492(a)(1)) .....\$710.00<br><input type="checkbox"/> No International preliminary examination fee paid to USPTO (37 CFR 1.492(a)(1))<br>but International search fee paid to USPTO (37 CFR 1.492(a)(2)) ..... \$740.00<br><input type="checkbox"/> Neither International preliminary examination fee (37 CFR 1.492(a)(1)) nor<br>International search fee (37 CFR 1.492(a)(2)) paid to USPTO - 1.492(a)(3)) .....\$1040.00<br><input type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.492(a)(4))<br>and all claims satisfied provision of PCT Article 33(2) to (4) ..... 100.00<br><input type="checkbox"/> International search fee prepared by EPO or JPO (37 CFR 1.492(a)(5)) .....\$890.00 |  |                  |                                    | \$710.00         |
|  | Surcharge of \$130.00 for furnishing the National fee or oath or declaration later than<br><input type="checkbox"/> 20 <input type="checkbox"/> 30 mos. from the earliest claimed priority date (37 CFR 1.492(e)).  |  |                  |                                    | \$               |
|  | TOTAL OF ABOVE CALCULATIONS   |  |                  |                                    | = \$794.00       |
|  | Reduction by ½ for filing by small entity, if applicable. Affidavit must be filed also.<br>(Note 37 CFR 1.9, 1.27, 1.28.)   |  |                  |                                    | \$ 497.00        |
|  | SUBTOTAL  |  |                  |                                    | = \$ 497.00      |
|  | Processing fee of \$130.00 for furnishing the English translation later than<br><input type="checkbox"/> 20 <input type="checkbox"/> 30 mos. from the earliest claimed priority date (37 CFR 1.492(f)).   |  |                  |                                    |                  |
|  | TOTAL NATIONAL FEE  |  |                  |                                    | \$ 497.00        |
|  | Fee for recording the enclosed assignment (37 CFR 1.21(h)) \$40.00  |  |                  |                                    | \$               |
|  | TOTAL FEES ENCLOSED   |  |                  |                                    | \$ 497.00        |
| a. ■ A check in the amount of \$ 497.00 to cover the above fees is enclosed.<br>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____<br>to cover the above fees. A duplicate copy of this sheet is enclosed.<br>c. ■ The Commissioner is hereby authorized to charge any additional fees which may be required,<br>or credit any overpayment to Deposit Account No. 23-0630. |   |  |                  |                                    |                  |

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3. A copy of the International Application as filed (35 U.S.C. 371(c)(2))
- a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☒ is not required, as the application was filed in the United States Receiving Office (RO/US).
  - c. ☐ has been transmitted by the International Bureau.
4. ☐ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
5. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
- a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ have been transmitted by the International Bureau.
6. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
7. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)) is enclosed.
8. ☐ A translation of the Annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Other document(s) or information included:

9. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.

10. ☐ An assignment document for recording.

Please mail the recorded assignment document to:

- a. ☐ the person whose signature, name & address appears at the bottom of this page.
- b. ☐ the following:

11. The above checked items are being transmitted:

- a. ☐ before the 18th month publication.
- b. ☐ after publication and the Article 20 communication but before 20 months from the priority date.
- c. ☐ after 20 months but before 22 months (surcharge and/or processing fee included)
- d. ☐ after 22 months (surcharge and/or processing fee included)

Note: Petition to revive (37 CFR 1.137(a) or (b)) is necessary if 35 U.S.C. 371 requirements submitted after 22 months and no proper demand for International Preliminary Examination was made by 19 months from the earliest claimed priority date.

- e. ☒ by 30 months and a proper demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
- f. ☐ after 30 months but before 32 months and a proper demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date (surcharge and/or processing fee included.)

- g. ☐ after 32 months (surcharge and/or processing fee included).

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12. At the time of transmittal, the time limit for amending claims under Article 19

- a. ☒ has expired
- b. ☐ has not yet expired.

13. ☐ Certain requirements under 35 U.S.C. 371 were previously submitted by the applicant on \_\_\_\_\_, namely:

14. ☒ Applicant is a small entity.

15. ☐ Enclosed is an Amendment Before Office Action.

JOHN R. HLAVKA

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WATTS, HOFFMANN, FISHER &amp; HEINKE CO., L.P.A.

P.O. Box 99839

Cleveland, Ohio 44199-0839

SIGNATURE

29,076

REGISTRATION NO.

Refined 198-5.0

10/009091

1010 Rec'd PCT/PTO

06 DEC 2001

959-370

23-0630

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